TITLE 326 AIR POLLUTION CONTROL BOARD

Draft Rule
#97-6(APCB)

DIGEST

Amends 326 IAC 6-1-12(a), Nonattainment area particulate limitations: Marion County and 326 IAC 7-4-2(31), Sulfur dioxide emission limitations: Marion County. Effective 30 days after filing with the secretary of state.

HISTORY

First Notice of Comment Period: April 1, 1997, Indiana Register (20 IR 1897).

Second Notice of Comment Period and Notice of First Hearing: November 1, 1997, Indiana Register (21 IR 837).

Notice of Rescheduled Hearing: February 1, 1998, Indiana Register (21 IR 1793).

Notice of Rescheduled Hearing: March 1, 1998, Indiana Register (21 IR 2164).

Date of First Hearing: May 6, 1998.

326 IAC 6-1-12(a)
326 IAC 7-4-2(31)

SECTION 1. 326 IAC 6-1-12 PROPOSED TO BE AMENDED AT 21 IR 1405, SECTION 1, IS AMENDED TO READ AS FOLLOWS:

326 IAC 6-1-12 Marion County
Authority: IC 13-14-8; IC 13-17-3-4
Affected: IC 13-12; IC 13-14-4-3; IC 13-16-1

Sec. 12. (a) In addition to the emission limitations contained in section 2 of this rule, the following limitations apply to sources in Marion County:

MARION COUNTY

Source	NEDS Plant ID	Point Input ID	Process	Emission Limits		
				tons per year	lbs/million Btu	grains/dscf
Asph. Mat. & Const. Inc.	0098	01	Oxid. Tank	.3		.004
Bridgeport Brass	0005	01	Boiler 1	21.5	.350	
	0005	02	Boiler 2	21.5	.350	
	0005	03	Boiler 3	21.5	.350	
Central Soya	0008	09A	Elevator Gallery Belt Trippers (East and West)	0.92		.006
	0008	09B	Elevator Gallery Belt Loaders (East and West)	0.70		.006

MARION COUNTY

Source	NEDS Plant ID	Point Input ID	Process	Emission Limits		
				tons per year	lbs/million Btu	grains/dscf
	0008	09C	Elevator Grain Dryer Conveying Legs	1.01		.006
	0008	10A	Elevator #1 Truck & Rail Receiving System and Basement	7.23		.006
	0008	10B	Elevator #2 Truck & Rail Receiving System	4.95		.006
Cent. St. Hospital	0009	01	Boilers 7 & 8	22.0	.350	
	0009	02	Boiler 3	17.0	.350	
Chevrolet	0010	0103	Boilers 1-3	65.8	.300	
Chrys. (El.) Shade	0011	01	All Boilers	67.8	.324	
Chrys. (Fdy.) S. Tibbs	0012	01	Cup.-Scrub	34.2		.085
	0012	02	D. Cl. Ck. 4 St.	4.9		.038
	0012	07	Hz. C. Ov. B. Ck.	4.2		.008
	0012	08	Hz. C. Ov. A. Ck.	3.1		.006
	0012	09	Hz. C. Ov. A. By	6.2		.029
	0012	10	Hz. C. Pst. Cr.	less than 1 T/yr		.001
	0012	11	Hz. C. Ov. B. Ry.	.4		.005
	0012	12	Hz. Rv. Ov. Jkt.	less than 1 T/yr		.001
	0012	13	Hz. Ry. Ov. A. CCC	less than 1 T/yr		.002
	0012	14	Bg. Ex. Rb. 1 St.	2.6		.020
	0012	16	Hyd. Fdy. Gre.	1.2		.004
	0012	18	Ck. Unload.	5.9		.021
	0012	19	Flsk. Sk.-Out	50.8		.030
	0012	22	Snd. Trnsfr.	2.6		.019
	0012	25	Cr. Grinding	.01		.001
	0012	26	Cr. Grinding	1.6		.007
	0012	28	Cl. Op. Cr. K. O.	8.2		.034
	0012	29	Cl. Room	6.8		.020
	0012	30	Cl. Room	4.2		.020
	0012	31	Chp. Op.	16.7		.020
	0012	34	Cst. Cl.	57.5		.020
Community Hospital	0014	01	Keller Boiler	.5	.014	
Design Mix	0091	01	Roty. Dry.	9.8		.092
Allison Transmission	0017	01-05	Boilers 1, 2, 3, 4, 5	39.3 combined	.15 each	
Allison Engine Co. No. 5	0070	01	Boilers 1-4	130.0/yr	.337	
	0071	02	Boilers 3-6		.15	
	0071	03	Boilers 7-10		.15	
No. 8	0071	01	Boiler 2	0		
No. 8	0071	03	Boiler 11	0		
Evans Milling	0020	01	Boiler	.7	.014	
	0020	02	Old Mill) Dust	4.3		.030
	0020	05	Old Mill) Dust	4.3		.030
	0020	06	Warehouse) Dust	5.8		.030
	0020	07	New Mill Dryers	3.0		.030
	0020	08	New Mill Dryers	3.0		.030
	0020	09	New Mill Dryers	3.0		.030
	0020	10	New Mill Dryers	3.0		.030
	0020	11	New Mill Dryers	9.4		.030

MARION COUNTY

Source	NEDS Plant ID	Point Input ID	Process	Emission Limits		
				tons per year	lbs/million Btu	grains/dscf
	0020	12	New Mill Coolers	3.1		.030
	0020	13	New Mill Cleaner	3.3		.030
	0020	14	Elevator Dust	1.6		.030
	0020	15	Headhouse Suction	3.1		.030
	0020	16	Corn Cleaner	1.0		.131
	0020	17	Corn Cleaner	1.0		.131
	0020	18	Headhouse Suction	6.3		.030
	0020	19	Old Mill Dust	5.9		.030
	0020	20	Large Hammermill	8.2		.030
	0020	03	Old Mill Dust	4.3		.030
	0020	04	Old Mill Dust	4.3		.030
Farm Bureau (Fert.)	0653	02	Gr. Dry Cooler	15.2		.013
	0653	04	Ammoniator	3.9		.047
	0653	05	Cooler Gr.	6.3		.026
	0653	06	Screen Gr.	less than 1 T/yr		.005
	0653	07	Bag. Ship.	.1		.004
FMC Bearing	0025	01	Boilers 1-3	17.0	.300	
FMC Chain	0062	0105	Boilers	7.6	.300	
	0062	07	Anneal. Ov.	.1		.004
Ford Motor Co.	0021	01	Boiler 3	38.6	.270	
	0021	02	Boiler 2	55.1	.270	
	0021	03	Boiler 1	16.5	.270	
Ft. Benjamin Harrison	0022	01	Boiler 1	16.7	.350	
	0022	02	Boiler 2	16.7	.350	
	0022	03	Boiler 3	16.7	.350	
	0022	04	Boiler 4	16.7	.350	
Glass Containers	0293	01	Glass Melting Furnace	43.0		(1 lb/ton)
Indep. Concrete Pipe	0457	01	Ct. St. Bn. 04	.21		.014
	0457	02	Ct. St. Bn. 03	.41		.014
Indpls. Rubber Co.	0064	01	Boilers	70.0	.350	
Ind. Asph. Pav. Co.	0027	01	Roty. Dry. 1	7.8		.074
	0027	02	Roty. Dry. 2	3.9		.066
Ind. Veneers	0031	01	Wd. & Cl. Boil.	13.9	.330	
IPL (Perry K)	0034	01	Boiler 11 & 12	302.2	*.125	
	0034	02	Boiler 13 & 14	135.4	*.082	
	0034	03	Boilers 15, 16, 17, 18	46.8	*.068	
IPL (Perry W)	0035	01	Boilers 17 & 18	49.5	*.328	
IPL (Stout)	0033	01	Boiler 1	.38	*.015	
	0033	02	Boiler 2	.38	*.015	
	0033	03	Boiler 3	.38	*.015	
	0033	04	Boiler 4	.38	*.015	
	0033	05	Boiler 5	.38	*.015	
	0033	06	Boiler 6	.38	*.015	
	0033	07	Boiler 7	.38	*.015	
	0033	08	Boiler 8	.38	*.015	
	0033	09	Boiler 9	1.9	*.015	
	0033	10	Boiler 10	2.2	*.015	

MARION COUNTY

Source	NEDS Plant ID	Point Input ID	Process	Emission Limits: tons per year	Emission Limits: lbs/million Btu	Emission Limits: grains/dscf
	0033	11	Boiler 50	82.2	*.135	
	0033	12	Boiler 60	82.2	*.135	
	0033	13	Boiler 70	.38	*.1	
	0033	14	Gas Turbine 1	.28	*.015	
	0033	15	Gas Turbine 2	.28	*.015	
	0033	16	Gas Turbine 3	.28	*.015	
Nat'l. R.R. (Amtrak)	0646	01	Boiler 1	23.0	.350	
	0646	02	Boiler 2	23.0	.350	
National Starch	~~0042~~	~~01~~	~~Boiler 5~~	~~26.2~~	~~.047~~	
	~~0042~~	~~86~~	~~Boiler 1, 2, 3~~	~~188.3~~	~~.320~~	
	0042	06	61-9	~~2.3~~ **4.1**		.016
	0042	11	56-2	~~1.1~~ **11.3**		~~.001~~ **0.010**
	0042	12	71-2	2.6		.030
	0042	13	61-6	.1		.030
	~~0042~~	~~20B1~~	~~67-9B1~~	~~4.4~~		~~.030~~
	~~0042~~	~~20B2~~	~~67-9B2~~	~~4.4~~		~~.030~~
	0042	22	56-1	~~.2~~ **7.02**		~~.001~~ **0.020**
	0042	29	40-4	~~6.7~~ **44.1**		~~.005~~ **0.020**
	0042	30	40-3	~~7.9~~ **42.3**		~~.005~~ **0.020**
	0042	31	40-2	~~8.6~~ **31.9**		~~.005~~ **0.020**
	~~0042~~	~~35~~	~~69-3~~	~~3.7~~		~~.026~~
	~~0042~~	~~42~~	~~71-6~~	~~1.8~~		~~.030~~
	0042	43A	~~42-1A~~ **42-1**	.9		.030
	~~0042~~	~~20A~~	~~67-9A~~	~~2.7~~		~~.030~~
	~~0042~~	~~43B~~	~~42-1B~~	~~.9~~		~~.030~~
	0042	46	61-14A	.6		.029
	0042	47	61-14	1.2		.028
	0042	55	42-8	4.2		.030
	0042	56A	42-7A	1.7		.032
	0042	56B	42-7B	1.7		.032
	0042	56C	42-7C	1.7		.032
	0042	57A	42-3A	1.8		.032
	0042	57B	42-3B	1.8		.032
	0042	57C	42-3C	1.8		.032
	0042	57D	42-3D	1.8		.032
	0042	57E	42-3E	1.8		.032
	0042	57F	42-3F	1.8		.032
	0042	59	42-4	2.3		.029
	0042	60	42-10	2.4		.030
	~~0042~~	~~61~~	~~67-7~~	~~13.8~~		~~.015~~
	~~0042~~	~~62~~	~~67-8~~	~~.3~~		~~.030~~
	0042	63	42-6	2.5		.030
	0042	64	71-1	.9		.030

MARION COUNTY

Source	NEDS Plant ID	Point Input ID	Process	Emission Limits: tons per year	Emission Limits: lbs/million Btu	Emission Limits: grains/dscf
	0042	67A	71-5A	.3		.026
	0042	67B	71-5B	.3		.026
	0042	67C	71-5C	.3		.026
	0042	67D	71-5D	.3		.026
	0042	67E	71-5E	.3		.026
	0042	67F	71-5F	.3		.026
	0042	67G	71-5G	.3		.026
	0042	67H	71-5H	.3		.026
	0042	67I	71-5I	.3		.026
	0042	67J	71-5J	.3		.026
	0042	67K	71-5K	.3		.026
	0042	67L	71-5L	.3		.026
	0042	68A	71-4A	.3		.026
	0042	68B	71-4B	.3		.026
	0042	68C	71-4C	.3		.026
	0042	68D	71-4D	.3		.026
	~~0042~~	~~69~~	~~67-3~~	~~2.2~~		~~.030~~
	~~0042~~	~~71~~	~~67-17~~	~~21.8~~		~~.029~~
	~~0042~~	~~72~~	~~67-16~~	~~7.0~~		~~.030~~
	~~0042~~	~~73~~	~~67-12~~	~~4.4~~		~~.030~~
	~~0042~~	~~78A~~	~~62-1A~~	~~8.6~~		~~.030~~
	~~0042~~	~~78B~~	~~62-1B~~	~~8.6~~		~~.030~~
	~~0042~~	~~78C~~	~~62-1C~~	~~8.6~~		~~.030~~
	~~0042~~	~~78D~~	~~62-1D~~	~~8.6~~		~~.030~~
	~~0042~~	~~78E~~	~~62-1E~~	~~8.6~~		~~.030~~
	~~0042~~	~~78F~~	~~62-1F~~	~~8.6~~		~~.030~~
	~~0042~~	~~78G~~	~~62-1G~~	~~8.6~~		~~.030~~
	~~0042~~	~~78H~~	~~62-1H~~	~~8.6~~		~~.030~~
	~~0042~~	~~78I~~	~~62-1I~~	~~8.6~~		~~.030~~
	~~0042~~	~~78J~~	~~62-1J~~	~~8.6~~		~~.030~~
	~~0042~~	~~78K~~	~~62-1K~~	~~8.6~~		~~.030~~
	~~0042~~	~~78L~~	~~62-1L~~	~~8.6~~		~~.030~~
	~~0042~~	~~79A~~	~~62-2A~~	~~7.9~~		~~.028~~
	~~0042~~	~~79B~~	~~62-2B~~	~~7.9~~		~~.028~~
	~~0042~~	~~79C~~	~~62-2C~~	~~7.9~~		~~.028~~
	~~0042~~	~~79D~~	~~62-2D~~	~~7.9~~		~~.028~~
	~~0042~~	~~80~~	~~67-13~~	~~5.2~~		~~.030~~
	~~0042~~	~~81~~	~~69-5~~	~~6.1~~		~~.030~~
	~~0042~~	~~82~~	~~67-15~~	~~7.0~~		~~.030~~
	~~0042~~		~~67-19~~	~~33.1~~		~~.030~~
	0042		575-1	32.4		.018
	0042		575-2	32.4		~~.018~~
						0.011
	0042	04	Boiler 4	3.4	.15	
	~~0042~~	~~40~~	~~67-1~~	~~51.6~~		~~.003~~
Navistar International	0039	1a	E.M. 1 Baghouse	45.7		.019
	0039	1b	E.M. 2 Baghouse	53.5		.020
	0039	02	Boiler 1	14.0	.30	

MARION COUNTY

Source	NEDS Plant ID	Point Input ID	Process	Emission Limits		
				tons per year	lbs/million Btu	grains/dscf
	0039	03	Boiler 2	13.0	.30	
	0039	04	Boiler 3	34.9	.30	
	0039	05	Phase 1 Baghouse	35.4		.020
	0039	06	Phase 3 Baghouse	55.1		.020
	0039	07	M-3 Baghouse	72.4		.015
	0039	98	Phase 4 Baghouse	99.6		.02
	0039	99	Phase 5 Baghouse	62.0		.02
	0039	08	Cst. Cl. Cr. 1	.0		.0
	0039	09	Pngbrn. Shtb.	.0		.0
	0039	10	Cst. Clg. Cr. 2	.0		.0
Quemetco (RSR Corp)	0079	01	Rev. Fur. 01	5.8		.016
	0079	02	Blast Furnace	3.7		.014
RCA	0047	02	2 Boil Oil	28.7	.15	
Refined Metals	0036	01	Blast Furnace	2.8		.003
	0036	02	Pot Furnace	less than 1 T/yr		.0005
Reilly Industries, Inc.	0049	01	186 S	.9	.011	
	0049	02	2722 W	3.5	.15	
	0049	03	2726 S	7.8	.15	
	0049	04	2728 S	2.2	.15	
	0049	05	2607 T	.9	.011	
	0049	06	2714 V	3.1	.15	
	0049	07	2707 V	.4	.011	
	0049	08	2724 W	4.0	.15	
	0049	09	702611	.1	.011	
	0049	10	722804	.2	.011	
	0049	11	732714	7.5	.15	
	0049	12	2706 Q	.1	.011	
	0049	13	2713 W	.2	.011	
	0049	14	2714 W	4.7	.011	
	0049	15	2720 Q	.1	.011	
	0049	16	B & W	4.0	.15	
	0049	17	Riley	4.0	.15	
	0049	18	2729 Q	.1	.011	
	0049	19	2710 P	1.6	.15	
	0049	20	2740 Q	2.0	.15	
	0049	21	112 E	.5	.15	
Richardson Co.	0065	01	Boil. 2 Oil	1.5	.015	
Rock Island Refinery	0051	01	Boiler 4	less than 1 T/yr		
	0051	02	Boiler 5	less than 1 T/yr		
	0051	05	Boiler 8	less than 1 T/yr		
	0051	06	PH-1	28.0	.15	
	0051	07	P-H2	26.0	.15	
	0051	11	H-H1	18.4	.15	
	0051	10	H-H2	12.9	.15	
	0051	13	H-H3	14.9	.15	
	0051	14				
	0051	24	FCC (Proc.)			

MARION COUNTY

Source	NEDS Plant ID	Point Input ID	Process	Emission Limits		
				tons per year	lbs/million Btu	grains/dscf
	0051		(Co. Boiler)	154.4	.15	
	0051	26	Pr. Htr. P-H6	73.6	.15	
	0051	27	Alk./Reboiler	18.2	.15	
	0051	28	FCC Heater	30.2	.15	
	0051	29	Crude Oil Heater	10.2	.017	
	0051	30	Vacuum Heater	34.0	.15	
	0051	31	Sulfur Recv.	1.01		.026
	0051		G.-B1 Boiler	13.3	.15	
St. Vincent's Hospital	0476	0103	Boilers 1-3	.7	.011	
Sludge Incinerator	0032	01	Incinerator #5	17.9		.030
	0032	02	Incinerator #6	17.9		.030
	0032	03	Incinerator #7	17.9		.030
	0032	04	Incinerator #8	17.9		.030
	0032	05	Incinerators #1-4	72.5		.030
Stokeley Van Camp	0056	0103	Boiler	93.3	.350	
Union Carbide	0060	01	3 Boilers	35.5	.350	
Western Electric	0058	01	Boiler 2	9.1		.310
	0058	02	Boiler 3	15.9		.310
	0058	03	Boiler 4	16.9		.310
	0058	04	Boiler 5	58.3		.310

*Established based upon ASME Power Test Code Procedure.

(b) Sources shall be considered in compliance with the tons per year emission limits established in subsection (a) if within five percent (5%) of the emission limit.

(c) In addition to complying with subsections (a) through (b), Navistar International Transportation Corporation shall comply with the following:

(1) The height of each of the two (2) stacks on the M-3 baghouse (Point ID 07) shall be increased by fifty (50) feet by August 31, 1990.

(2) Within thirty (30) days of the effective date of this rule, Navistar shall submit to the department the following:

(A) A certification as to the complete and permanent shutdown of the sources identified as Point ID 8, 9, and 10 of subsection (a) and No. 2 Large Mold Line, M-2 Mold Line, M-4 Mold Line, and the core-making and core-knockout operations for these mold lines.

(B) A written list of sources not identified in subsection (a) with a potential to emit ten (10) or greater tons per year.

(3) Within thirty (30) days of the end of each calendar quarter, a written report shall be submitted to the department of the monthly emissions from each emission point identified in subsection (a) which contains information necessary to estimate emissions, including:

(A) for boilers, fuel type, usage, ash content, and heat content; and

(B) for other processes, the appropriate production data, emission factors, and proper documentation of the emission factors.

(4) The tons per year limitation shall be met based on the sum of the monthly emissions for

each twelve (12) month period.

(5) A written report detailing Navistar's operation and maintenance program to provide for proper operation of and to prevent deterioration of the air pollution control equipment on the emission points identified as Point ID 1a, 1b, 5, 6, 7, 98, and 99 in subsection (a) to be submitted to the department by July 31, 1990.

(d) In addition to complying with subsections (a) through (b), Allison Engine shall comply with the following:

(1) Boilers 1 through 4 of Plant 5 may use only coal, #4 fuel oil, or natural gas as a fuel.

(2) Boilers 3 through 10 of Plant 8 may use only #6 fuel oil, #4 fuel oil, #2 fuel oil, or natural gas as a fuel.

(3) Boilers 2 and 11 of Plant 8 shall not operate.

(4) Boilers 1 through 4 of Plant 5 and boilers 3 through 10 of Plant 8 shall have the following limitations depending upon the fuel being used:

(A) When using only #4 fuel oil, the amount used for the listed boilers collectively is not to exceed thirty-seven million one hundred forty-two thousand eight hundred (37,142,800) gallons per year based on a three hundred sixty-five (365) day rolling figure.

(B) When either coal, #6 fuel oil, #2 fuel oil, or natural gas is used, the limitation listed in clause (A) shall be adjusted as follows:

(i) When using coal, the gallons per year of #4 fuel oil shall be reduced by fifty-nine thousandths (0.059) gallon per pound of coal burned.

(ii) When using #6 fuel oil, the gallons per year of #4 fuel oil shall be reduced by two and six-tenths (2.6) gallons per gallon used.

(iii) When using natural gas, the gallons per year of #4 fuel oil shall be reduced by eighty-eight hundred-thousandths (0.00088) gallon per cubic foot of natural gas burned.

(iv) When using #2 fuel oil, the gallons per year of #4 fuel oil shall be reduced by twenty-eight hundredths (0.28) gallon per gallon used.

(5) A log shall be maintained to document compliance with subdivision (4). These records shall be maintained for at least the previous twenty-four (24) month period and shall be made available upon request by the department.

(e) In addition to complying with subsections (a) through (b), Allison Transmission shall comply with the following:

(1) Maintain monthly fuel usage records for each boiler identified in subsection (a) that contains sufficient information to estimate emissions, including:

(A) boiler identification and heat capacity;

(B) fuel usage for each type of fuel; and

(C) heat content of fuel.

(2) Within thirty (30) days of the end of each calendar quarter, a written report shall be submitted to the department and the Indianapolis Environmental Resources Management Division of the monthly emissions of the boilers identified in subsection (a) and including the

information in subsection (e)(1).

(3) Compliance with the annual tons per year limitation shall be based on the sum of the monthly emissions for each twelve (12) month period.

(4) The fuel usage records shall be maintained at the source for three (3) years and available for an additional two (2) years. The records shall be made available to the department or its designated representative upon request.

(Air Pollution Control Board; 326 IAC 6-1-12; filed Mar 10, 1988, 1:20 p.m.: 11 IR 2472; filed Dec 14, 1989, 9:30 a.m.: 13 IR 868; filed Oct 4, 1995, 10:00 a.m.: 19 IR 186; errata filed Dec 11, 1995, 3:00 p.m.: 19 IR 674; errata filed Mar 19, 1996, 10:20 a.m.: 19 IR 2044)

SECTION 2. 326 IAC 7-4-2 IS AMENDED TO READ AS FOLLOWS:

326 IAC 7-4-2 Marion County sulfur dioxide emission limitations
Authority: IC 13-14-8; IC 13-17-3-4
Affected: IC 13-12; IC 13-14-4-3; IC 13-16-1

Sec. 2. The following sources and facilities located in Marion County shall comply with the sulfur dioxide emission limitations in pounds per million Btu (lbs./MMBtu) and pounds per hour (lbs./hr.), unless otherwise specified, and other requirements:

		Emission Limitations	
Source	Facility Description	lbs./MMBtu	lbs./hr.
(1) Acustar	Boiler 1	2.82	109.98
	Boiler 2	2.82	109.98
	Boiler 3	2.82	109.98
(2) Allison Gas Turbine)	Boiler 1	3.99	299.4
Plant 5	Boiler 2	3.99	299.4
	Boiler 3	3.99	299.4
	Boiler 4	3.99	299.4
(3) Amtrak	Boilers 61 and 62	3.30	208.15
(4) Bridgeport Brass	Boiler 1	3.55	135.8
	Boiler 2	3.55	135.8
	Boiler 3	3.55	135.8
(5) Central Soya	Boiler	4.32	272.0
(6) Central State	Boiler 3	3.39	111.8
	Boiler 7	3.39	169.5
	Boiler 8	3.39	169.5
(7) Citizens Gas	Batteries E & H (each)	0.79 pounds per ton	31.16
	Battery 1	0.23 pounds per ton	15.70
(8) Detroit Diesel	Boiler 1	1.88	67.6
Allison-Plant 3	Boiler 2	1.88	67.6
	Boiler 3	1.88	90.2
	Boiler 4	1.88	135.2
	Boiler 5	1.88	180.3

(9) Diamond Bathurst	#2 Furnace	1.40 pounds per ton	20.22
(10) Ford	Boiler 1	2.43	177.38
	Boiler 2	2.43	354.77
	Boiler 3	2.43	354.77
(11) Fort Harrison	Boiler 1	2.92	151.84
	Boiler 2	2.92	151.84
	Boiler 3	2.92	151.84
	Boiler 4	2.92	151.84
(12) G.M. Truck & Bus Group	Boiler 1	2.31	187.1
	Boiler 2	2.31	187.1
	Boiler 3	2.31	106.3
(13) Indiana Girls School	Boiler	6.00	46.9
(14) IPL-Perry W	Boiler 17	6.0	1,320.0
	Boiler 18	6.0	1,320.0
(15) Indianapolis Sludge	Incinerator 1	2.0 pounds per ton	14.19
Incinerator	Incinerator 2	2.0 pounds per ton	14.19
	Incinerator 3	2.0 pounds per ton	14.19
	Incinerator 4	2.0 pounds per ton	14.19
	Incinerator 5	2.0 pounds per ton	14.19
	Incinerator 6	2.0 pounds per ton	14.19
	Incinerator 7	2.0 pounds per ton	14.19
	Incinerator 8	2.0 pounds per ton	14.19
(16) Marathon Petroleum)	H-H1	1.92	36.46
Indiana Refining Division	H-H2	1.92	36.46
	H-H3	1.92	38.38
	P-H1	1.92	89.03
	P-H2	1.92	82.12
	P-H3	1.92	30.32
	P-H4	1.92	33.19
	P-H5	1.92	9.98
	Alky Reboiler	1.92	53.15
	Crude Heater	1.92	268.05
	Vacuum Heater	1.92	99.20
	Sulfur Recovery	189.0 pounds per ton sulfur	88.17
	FCC (Proc)	3.92 pounds per ton	506.37
	CO Boiler	1.92	228.72
	FCC Chg. Htr.	1.92	88.26
	GH-1	1.92	81.36
(17) Navistar	Boiler 1	2.98	193.72
	Boiler 2	2.98	193.72
	Boiler 3	2.98	193.72
(18) Quaker Oats	Boiler 1	2.79	195.3
	Boiler 2	2.79	195.3
	Murray Boiler	0.50	50.1

(19) Quemetco	Reverberatory Furnace	24.6 pounds per ton	617.0
(20) Refined Metals	Blast Furnace	10.8 pounds per ton	64.8
(21) Reilly Industries	2722 W	1.25	114.75
	2726 S	1.25	49.1
	186 N	1.25	46.0
	2707 V	1.25	20.0
	112 E	0.0**	0.0**
	2710 P	0.0**	0.0**
	Riley	1.25	64.75
	B & W	1.25	49.1
	2724 W	1.25	26.3
	2714 V	1.25	18.8
	2729 Q	1.25	3.8
	2740 Q	1.25	7.5
	732714	1.25	45.0
	2728 S	1.25	7.5
	Still	0.0**	0.0**
	Kettle	0.0**	0.0**
	2607 T	0.0**	0.0**
	702611	0.0**	0.0**
	722804	0.0**	0.0**
	2706 Q	0.0**	0.0**
	2713 W	0.0**	0.0**
	2714 W	0.0**	0.0**
	2720 W	0.0**	0.0**
(22) Rexnord-Link Belt Bearing	Boiler A	3.28	101.7
	Boiler B	3.28	101.7
	Boiler C	0.0*	0.0*
(23) Rexnord-Link Belt Chain	Boiler 1	3.68	117.8
	Boiler 2	3.68	117.8
	Boiler 3	3.68	117.8
(24) Thomson Consumer Electronics	Boiler 1	1.95	39.0
	Boiler 2	1.95	39.0
	Boiler 3	1.95	146.3
	Boiler 4	1.95	146.3
(25) Union Carbide	Boiler 1	3.85	92.4
	Boiler 2	3.85	106.6
	Boiler 3	3.85	148.2
(26) Western Select Properties	Boiler 2	2.52	189.06
	Boiler 3	2.52	189.06
	Boiler 4	2.52	189.06
	Boiler 5	2.52	252.07
(27) Wishard	Boiler 1	4.04	105.0
	Boiler 2	4.04	105.0
	Boiler 3	4.04	105.0

**Less than 0.05

(28) Allison Gas Turbine Operations Plant 8 shall comply with the sulfur dioxide emission limitations provided in clause (A) or (B) and other requirements as follows:

(A) Boilers 2 through 11 may burn natural gas at any time.

(B) Babcock and Wilcox Boilers 2 through 6 and Combustion Engineering Boilers 7 through 11 may burn fuel oil with a sulfur dioxide emission limitation of two and one-tenth (2.1) pounds per million Btu each during periods when one (1) of the following conditions is met:

(i) Fuel oil is burned in no more than three (3) Babcock and Wilcox boilers, and fuel oil is not burned in any combustion engineering boiler.

(ii) Fuel oil is burned in no more than two (2) Babcock and Wilcox boilers and no more than two (2) combustion engineering boilers.

(iii) Fuel oil is burned in no more than one (1) Babcock and Wilcox boiler and no more than three (3) combustion engineering boilers.

(C) A log of hourly operational status and fuel type for each boiler shall be maintained at the plant and made available to the department upon request. A daily summary of operating status and fuel type for each boiler for each day of a calendar quarter shall be submitted to the department on a quarterly basis.

(D) Allison Gas Turbine Operations Plant 8 shall erect a twenty (20) foot stack extension with a diameter at the extension outlet of four (4) feet for each stack serving Boilers 2, 3, 4, 5, and 6 in accordance with the following schedule:

(i) Complete design, specifications, and construction drawings and award contracts by August 2, 1988.

(ii) Complete installation of stack extensions by December 2, 1988.

(29) Indianapolis Power and Light Perry K shall comply with the sulfur dioxide emission limitations in pounds per million Btu and other requirements as follows:

Boiler Number	Emission Limitations
(A) 17 and 18	0.3
(B) 11, 12, 13, 14, 15, and 16	2.1

(C) As an alternative to the emission limitations in clause (B), sulfur dioxide emissions from Boilers 11, 12, 13, 14, 15, and 16 may comply with any one (1) of the sets of emission limitations in pounds per million Btu as follows:

Boiler Number		Emission Limitations
(i)	13, 14, 15, and 16	0.0
	11 and 12	4.4
(ii)	11, 12, 15, and 16	0.0
	13 and 14	4.4
(iii)	11, 12, 13, and 14	0.0
	15 and 16	4.4
(iv)	11, 12, 15, and 16	3.0
	13 and 14	0.3
(v)	11 and 12	0.3
	13, 14, 15, and 16	3.0

(D) The department or the Indianapolis Air Pollution Control Division shall be notified prior to the reliance by Indianapolis Power and Light on any one (1) of the sets of alternative emission limitations specified in clause (C).

(E) A log of hourly operating status for each boiler shall be maintained and made available to the department upon

request. A daily summary indicating which boilers were in service during the day shall be submitted to the department quarterly. In addition, records of the daily average sulfur content, heat content, and sulfur dioxide emission rate for each day in which an alternative set of emission limitations specified in clause (C) is used shall be submitted to the department quarterly.

(F) For the purposes of 326 IAC 7-2-1(c)(1), during thirty (30) day periods in which Indianapolis Power and Light relies on more than one (1) set of emission limitations specified in clauses (B) through (C), a separate thirty (30) day rolling weighted average for each set of limitations shall be determined. Each thirty (30) day rolling weighted average shall be based on data from the previous thirty (30) operational days within the last ninety (90) days for that set of limitations. If Indianapolis Power and Light does not operate thirty (30) days under any one (1) set of limitations within the last ninety (90) days, the rolling weighted average shall be based on all operational days within the last ninety (90) days for that set of limitations.

(G) Boilers 11 through 16 shall be limited to six and zero-tenths (6.0) pounds per million Btu each until Boilers 11 through 16 achieve compliance with the sulfur dioxide emission limitations specified in clauses (B) through (C). Compliance with the emission limitations specified in clauses (B) through (C) shall be achieved according to the following schedule:

(i) Complete engineering analysis of modifications by April 2, 1988.

(ii) Complete testing and design of modifications and place orders for necessary equipment by May 2, 1989.

(iii) Complete installation of necessary equipment and achieve compliance with emission limitations specified in clauses (B) through (C) by June 2, 1990.

(30) Indianapolis Power and Light Stout shall comply with the sulfur dioxide emission limitations in pounds per million Btu and other requirements as follows:

Boiler/Turbine Number		Emission Limitations
(A)	Boiler 70	5.3
(B)	Boilers 50 and 60	4.7
	Boilers 1 through 8	0.0
	Boilers 9 and 10 and Gas Turbines 1, 2, and 3	0.35

(C) As an alternative to the emission limitations in clause (B), sulfur dioxide emissions from Boilers 50, 60, and 1 through 10 and Gas Turbines 1, 2, and 3 may comply with any one (1) of the sets of emission limitations in pounds per million Btu as follows:

Boiler/Turbine Number		Emission Limitations
(i)	Boilers 50 and 60	5.2
	Boilers 1 through 10 and Gas Turbines 1, 2, and 3	0.0
(ii)	Boilers 50 and 60	5.0
	Boilers 1 through 10	0.0
	Gas Turbines 1, 2, and 3	0.4
(iii)	Boilers 50 and 60	4.1
	Boilers 1 through 8	0.26
	Boilers 9 and 10	0.35
	Gas Turbines 1, 2, and 3	0.3
(iv)	Boilers 50 and 60	3.9
	Boilers 1 through 8	0.34
	Boilers 9 and 10 and Gas Turbines 1, 2, and 3	0.35

(D) The department or the Indianapolis Air Pollution Control Division shall be notified prior to the reliance by Indianapolis Power and Light on any one (1) of the sets of alternative emission limitations specified in clause (C).
(E) A log of hourly operating status for each boiler shall be maintained and made available to the department upon request. A daily summary indicating which boilers were in service during the day shall be submitted to the department quarterly. In addition, records of the daily average sulfur content, heat content, and sulfur dioxide emission rate for each day in which an alternative set of emission limitations specified in clause (C) is used shall be submitted to the department quarterly.
(F) For the purposes of 326 IAC 7-2-1(c)(1), during thirty (30) day periods in which Indianapolis Power and Light relies on more than one (1) set of emission limitations specified in clauses (B) through (C), a separate thirty (30) day rolling weighted average for each set of limitations shall be determined. Each thirty (30) day rolling weighted average shall be based on data from the previous thirty (30) operational days within the last ninety (90) days for that set of limitations. If Indianapolis Power and Light does not operate thirty (30) days under any one (1) set of limitations within the last ninety (90) days, the rolling weighted average shall be based on all operational days within the last ninety (90) days for that set of limitations.
(G) Indianapolis Power and Light shall install a stack diameter restriction for the stack serving Boilers 50 and 60. The stack diameter restriction shall reduce the diameter to six and one-half (6 1/2) feet at the tip of the stack. The installation of the stack diameter restriction shall be in accordance with the following schedule:

(i) Complete preliminary design of modifications by December 2, 1988.
(ii) Place orders for necessary modification by July 2, 1989.
(iii) Complete installation by February 2, 1990.

~~(31) National Starch and Chemical shall comply with the sulfur dioxide emission limitations in pounds per million Btu (lbs./MMBtu) and pounds per hour (lbs./hr.) and other requirements as follows:~~

~~Boiler Number~~	~~Emission Limitations lbs./MMBtu~~	~~lbs./hr.~~
~~(A) 1, 2, 3, and 5~~	~~3.71~~	~~1,510.8~~

~~(B) National Starch and Chemical shall combine the gas effluents from Boilers 1, 2, 3, and 5 into a newly constructed stack with a release point of one hundred seventy-one (171) feet above grade and a stack diameter at~~

~~the outlet of eight and one-half (8 1/2) feet. The new stack shall be constructed according to the following schedule:~~

~~(i) Complete design of necessary equipment by August 2, 1988.~~

~~(ii) Purchase and receive delivery of equipment for necessary modifications by June 2, 1989.~~

~~(iii) Complete installation of new stack by June 2, 1990. National Starch and Chemical shall not operate its Boilers 1, 2, 3, and 5 after June 2, 1990, for production unless the exhaust from such boilers is discharged through a single stack having a release height of one hundred seventy-one (171) feet above grade and an outlet diameter of eight and five-tenths (8.5) feet.~~

(Air Pollution Control Board; 326 IAC 7-4-2; filed Aug 28, 1990, 4:50 p.m.: 14 IR 65)